THE EAST BAY AMATEUR RADIO CLUB, INC.

# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXXI NUMBER 11

September 2025

## EBARC

### Meetings

**Next meeting**
**September 19 2025**

## Unitarian Universalist Church Of Berkeley

## Safir Room
## 1 Lawson Rd
## Kensington, CA

**Welcome EBARC Members to the eighth edition of the *Blown Fuse* for 2025.**
**Please plan to join us at the meeting on September 19, 2025 at 7:00 PM in-person or on the Zoom Link.**:

**Program: ISS**
**Mathison Ott will provide a technical run down and history of Amateur Radio on the International Space Station**

*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is a service provided as part of membership. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Audrey Nieman W6BBQ

Deadline for Oct issue is Oct 1 , 2025.

## Blown Fuse Back Issues

Blown Fuse Back Issues can be found on The Internet Archive, link.

2024 & 2025 Coming Soon!!!
de KJ6DZB.

**EBARC 2025 Working Inventory FOR SALE!**
(Link Here)

## President's Message

Last month's meeting covered the basics of DMR. Members in attendance had an overwhelming number of Any Tone handhelds. It's a solid FM /DMR 2m/70cm radio. I'm disappointed that this radio has Bluetooth for a headset, while it lacks the TNC function of the VERO VR-N76.

Exam Report for 9/6/25: Three people signed up, but only one tested for Tech and passed.

This month's presentation will be by Myself. It will highlight how I've been trolling the Space Station. It will be a technical run down and history of Amateur radio on the ISS.

DE
73 Mathison KJ6DZB

**Members' Hand Held radios**

## Minutes of the July 2025 Meeting
## By Jan Kuhl, AC5RB
## Secretary

The Hybrid meeting was brought to order by President Mathison Ott Kj6DZB at 7:10 PM. The In-Person meeting occurred at the Unitarian Universalist Church of Berkeley (UUCB) at 1 Lawson Road, Kensington CA. The On-Line meeting was held via the Zoom Internet. There were 9 members present in person and 9 on Zoom. Also present were First Vice President Howdy Goudey KE6BEE, Second Vice President Karen Fenton and members Todd Teachout W8BIK, Robin Mitchel KN6CRP, Jay Fenton KK6WSS, Franz Kuypers KI6IUV, Dan Sobel N6HLZ and new Ham Maury.

On Zoom were Treasurer Audrey Nieman W6BBQ, Secretary Jan Kuhl AC5RB and members Alvin Todd KK6UQX, Robin Spalding N6RLS, Lorraine Schnurr KN6CRT, Jerry Michaels K6KOP, Albert Mossman KG6VMA and guests Marilyn Sterling KO6GUA and Lucy, a non-ham.

Self-introductions were made plus what they had been up to. Alvin said he is waiting for warmer weather, Jerry has been keeping busy, Audrey has an over-abundance of grapes and apples to harvest, Marilyn said she was invited to visit our meeting by Karen, Lucy is a Senior at Saint Mary's College and working on her senior project. Jan does 7 trivia questions a week on CCCC nets, Albert said he was working on his General License, Jay has been terribly busy on his farm; he has 55 varieties of apples. He has been working with new Hams at his home, up to 4 at a time and has a yard full of towers. He also has been working with the Humboldt County radio club with towers. Dan has been on the ham radio and GMRS. Todd has been working on his beam to get the HF band for better connections to Mt. Diablo and to SF, also programming a radio. Karen has been helping Jay with the fruits. She is also a radio emergency communication advocate for WWC county using DMR on simplex. She is focusing on mutual aid in neighborhoods and finding the range of communications in WCC. So far, the range is from Marina Bay up to Crockett and Rodeo, also using CCCC repeaters and WA6HAM repeaters for central county. It has been difficult to "get over the hill" to connect. Howdy recently participated in POTA Parks on the air and was successful at Rosie the Riveter during several events. He heard the Code Talkers, but there were a lot of pile ups trying to connect. He also heard Brazil, so that was a far range. Mathison has been working on EZNEC modem reflector series and reading about antennas online and checking ARRL newsletters.

ANNOUNCEMENTS- President Mathison said we need a new Club Trustee. Please contact him if you are interested. He also needs help with the Club Website organizing photos and slide shows, and he has already digitized all pictures and papers. At a VE session at the Church, there were 2 Technicians and 2 Generals who passed their exams.

MINUTES- Jan moved that the minutes of the July 18, 2025 meeting were posted in the Blown Fuse. Motion was approved.

TREASURER REPORT-Audry posted her report in the Blown Fuse. She also noted that she will be paying UUCB the $450 for 3 months' rent.

PROGRAM- Howdy said there will be an antenna building project in the future. There will be no official meeting for December; however, there will be plans for a holiday party,

MEMBERSHIP-Karen has application forms for training and testing dates. She has been involved with working with young people in the schools. She has sent emails to recruit teachers, and she added that ARRL has a program to sponsor teachers involved with ham radio in the schools.

CCCC PICNIC- Jan invited members from Karo Echo and EBARC to the CCCC picnic on October 14, 2025. It will be held at Miller/Knox Park in Point Richmond from 11-3. It will be potluck. There will be a 50/50 raffle to benefit the Repeater Fund. Please contact Jan by text or at any of the CCCC ham radio nets. Please RSVP to let her know how many in your group and what you are bringing.

7:45 break

Program

# Treasurer's Report
# As of 7/11/2025

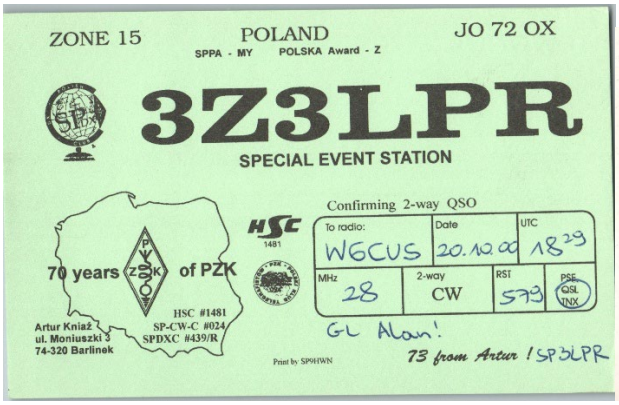
| | | |
|---|---|---|
| **Balance Forward** | **$** | **12411.61** |
| **Income:** | | |
| **Interest August** | | **.09** |
| | | |
| **Disbursements:** | | |
| **Rent** | | **$450.00** |
| **New Balance** | **$** | **11961.70** |

Membership
Individual ($35/year)
Family ($45/year)
K-12 Student ($10/year)
Class Comp (Free/rest year)
Annual calendar year membership dues are pro-rated QUARTERLY for NEW members joining the club within a particular quarter:

1) Jan - Mar $35)
2) Apr - June $25.20)
3) Jul - Sep $17.50)
4) Oct - Dec $8.75)

Membership Application is on the website HERE!

## QSL cards from 50 years of EBARC Event



**Do you have a QSL Card?**

If so, please share it with us to include here.

Have you received an interesting QSL Card?

Please share it with our members
Her in the Blown Fuse!

## 25 Years Ago: September 2000

**September Program Ron Smith, KE6RS, 1* Vice Pres.**

**In the nick of time, for the September 8" meeting Henry, KK6PH, will put on a demonstration using his RF safety computer program and show us how to do the RF Safety Report that may be required for your station September 1°. Bring the parameters of your HF station with you for him to use. You'll need the PEP (peak envelope power), feed line type and length, and your antenna's gain. You'll also need the distances from the center of your antenna to controlled space (closest person on your property) and uncontrolled space (closest person not on your property).**

## 50 Years Ago: September 1975

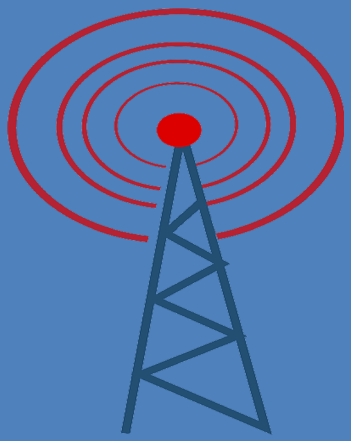
Novice and General classes are being planned for the near future. Location and dates will be printed in forthcoming issues of the Blown Fuse. There was discussion on new club activities, such as an informal visit at various ham shacks within the club, so that members can get an idea of what the other fellows are doing. This idea will be discussed further at a club executive meeting soon. A fall ham fest is planned in the San Jose area. Location and time are not known as of the Sept meeting. CCRC picnic to be held Sept. 14, on Angel Island. All members have been invited to attend. And please renew your ARRL membership through the club. The club makes $1.00 on each membership. Of interest - Gene Bergman, WB6IBU, and Editor Pat Bowens, WN6HHX, are taking flying lessons. Good luck and may your landings always be safe!

## PENDING ITEMS

- Website Updates
- Photo Galleries
- Completion of Member Survey
- Sale of Working Equipment (Link Here)

Please take **Club member Survey!!!** *If you haven't already* **(LINK HERE)**

**DIY Antenna Building Survey!!! (LINK HERE)**



The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone with an amateur radio license. Annual dues are $35 for individual membership, $45 for family membership, and $10 for students K-12. For information, send email to ebham.office@gmail.com, contact any EBARC officer, see Web page *www.ebarc.org*, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus, or on Facebook's "East Bay Amateur Radio Club."

## 2025 East Bay Amateur Radio Club Executive Committee

| | |
|---|---|
| Mathison Ott, KJ6DZB, President | 510-701-0234 |
| Jan Kuhl, AC5RB, Secretary | 510-846-3829 |
| Howdy Goudey, KE6BEE, 1st VP / Program Chair | 510-684-9097 |
| Karen Fenton, KK6ZPM, 2nd VP/ Membership | 510-701-7443 |
| Audrey Nieman, W6BBQ, Treasurer / Finance Chair | 510-682-7938 |

## 2025 EBARC's Other Committee Heads and Contacts

*Blown Fuse* Editor: Audrey Nieman, W6BBQ .....510-682-7938
W6CUS Trustee Chris Harwood .....510-332-7383
Webmasters: Chris & Mathison .....510-332-7383

## Upcoming Activities & Events

| Events | Time & Days | INFO |
|---|---|---|
| Ham Cram | Feb 15, May 17 | (INFO) |
| VE @ UUCB by Albert N6SX | March 8th | |
| General Meeting | March 21st | |
| General Meeting | April 18 | |
| 2025 Coastal Region Radio Exercise | May 1st | |
| General Meeting | May 16th | |
| ARRL Digital Contest | Jun 7-8th | (INFO) (LOG) |
| General Meeting | June 20th | |
| ARRL Field Day June | June 27*-28-29 | |
| General Meeting | July 18th | |
| General Meeting | August 15th | |
| Pacificon 2025 | Fri Oct 10 -12 | (MORE INFO) |
| California QSO Party | Oct4 1600- Oct5 2200 UTC | (RULES) |
| General Meeting | November 21st | |
| ARRL CW Sweepstakes | 11/2 - 11/4 | (INFO) |
| General Meeting | December 19th | |
| Holiday Party | TBD | |

More Contest info at https://www.contestcalendar.com
And at https://www.arrl.org/contest-calendar

# Bay Area & U.S. Amateur Radio Nets

| Net | Days | Time PST | Repeater | INFO |
|---|---|---|---|---|
| Over the Hill Commuter CCCC | Mon-Fri | 7:10am | WA6KQB (system) | RX: 145.110MHz TX:-600kHz CTCSS: 82.5Hz<br>RX:444.275MHz TX:+5MHz CTCSS:82.5Hz<br>RX:224.3MHz TX:+4MHz CTCSS:82.5Hz<br>EchoLink: 184423 / AllStar: 529990 / |
| Insomniac Net WIN SYSTEM on LPRC | Mon-Sun | 10pm | WR6ABD | RX:442.900 TX:+5MHz CTCSS:162.2 |
| W1AW CW Practice (LINK) | | | | 1.8025, 3.5815, 7.0475, 14.0475, 18.0775, 21.0675, 28.0675, 50.350, 147.555 MHz, EchoLink: 501433 |
| W1AW Digital Bulletins (LINK) | | | | 3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095, 50.350, 147.555 MHz. |
| W1AW Voice Bulletins (LINK) | | | | 1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59, 50.350, 147.555 MHz. |
| MidCars (LINK) eastern USA | Mon-Sun | 5:30-11AM | | 7.258 LSB |
| NorCAL DMR Net TG31068 | Mon | 7:30pm | W6PW | UHF RX:444.225MHz TX:+5MHz CC1<br>WA6BAY, W6PW, K6LNK, N6AMG, WB6ECE, W6CX |
| NorCAL DMR Net TG31068 | Mon | 7:30pm | W6CX-DV | W6CX-DV RX:145.000 TX:+2.5MHz CC:1 (MORE INFO) |
| CCCC 220 Net | Tues | 7:30pm | | RX:224.3MHz TX:+4MHz CTCSS:82.5Hz |
| MeshPhone Conference Call N2NM | Mon | 7:30pm | BAM PBX | Mesh phone 78- 973-2193 |
| Loma Pioneer Radio Club LPRC | Tues | 8pm | WR6ABD | RX:146.640MHz TX:-600kHz CTCSS:162.2kHz |
| ORCA Noon time Net | Tues | 12noon | WB6NDJ | RX:146.880MHz TX:-600kHz CTCSS:77kHz<br>RX:442.4MHz TX:+5MHz CTCSS:77kHz<br>EchoLink: 270352 / AllStar: 47154 / IRLP: 3115 |
| Marin County RACES HF NVIS NET | Tues | 6pm | | 3.895, 5.405 (ch5) USB / 7.228 LSB / 40m (JS8) |
| UC Berkeley ARC W6BB | Wed | 7:30PM | WA6ZTY | RX:442.275MHz TX:+5MHz CTCSS:103.5Hz<br>( Echo Link KJ6DZB-L ) (Allstar NODE 59521) |
| UC Berkeley ARC W6BB (Echo Link) | Wed | 7:30PM | KJ6DZB-L | KJ6DZB-L |
| San BrunoARC | Wed | 8:30pm | simplex | 7.27mhz & 46.595MHz FM |
| WC EMCOMM Net | Thu | 1845 | WA6KQB | WA6KQB (system) |
| Mt Diablo MDARC | Thu | 7:30pm | W6CX | RX:147.060MHz TX:+600kHz CTCSS:100Hz |
| CCCC Evening Net | Thu | 1930 | WA6KQB | WA6KQB (system) |
| Co Co County HF EmComm Net | Thu | 6pm | | 7.213MHz (+/- QRM) LSB |
| Co Co County HF EmComm Net | Thu | 6:15pm | | 5.346.5MHz USB (ch. 2) or 5.357Mhz (Ch. 3) |
| Co Co County HF EmComm Net | Thu | 6:30pm | | 3.893MHz (+/- QRM) Alternative 3.888MHz LSB |
| KARO/ECHO EMCOMM NET | Thu | 7pm | | Simplex 146.415MHz |
| NALCO ARES Net | Thu | 7:15pm | N6BRK | RX:147.255MHz TX:+600kHz CTCSS:123kHz<br>RX:440.900MHz TX:+5 TX:+5MHz CTCSS:131.8.5KHz |
| Oakland RCA Net | Thu | 7:30pm | WB6NDJ | WB6NDJ (system) |
| W6CX-ATV Net | Thu | 8pm | W6CX-ATV | 1244.50MHz DVB-S2 (MORE INFO) |
| Bay Area EMCOMM Net | Sat | 9:00am | WA6KQB | WA6KQB (system) |
| San Francisco ARC W6PW HF net | Sat | 9am | simplex | 14.328MHz USB |
| CCCC WC Net | Sat | 9:15am | WA6KQB | WA6KQB (system) |
| Bay Area Comm Net | Sat | 9:30am | WA6KQB | WA6KQB (system) |
| Cert FL Digi Net | Sat | 10am | WA6KQB | WA6KQB (system) |
| The Bay Area NVIS Net | Sat | 8am | | 3.890MHz LSB |
| Slow Scan TV SSTV (MORE INFO) | | | | 145.500 MHz, 145.600MHz, 144.550MHz, 145.800MHz |
| U.S. Packet | 27/7 | 27/7 | wide1-2 | 1200bps 144.390MHz |
| Satellite Packet | Status | Status | NA1ISS | 1200bps 145.825MHz |
| NA1ISS Cross-Band Repeater | Status | Status | | Up: 145.990MHz CTCSS:67Hz Dow: 437.800MHz |

Note: Please send suggestions or modifications to KJ6DZB

| High Speed Microwave Data Network | INFO |
|---|---|
| Bay Area Mesh (AREDN) | More INFO /Bay Area Node Map |
| -WINLINK NODES- | -INFO- |
| WA6KQB-10 | 441.500MHz 1200bps & VARA FM wide |
| KC6SSM-10 | 145.630MHz |
| W6ECK-10 | 441.500MHz packet (local mailbox W6ECK-1) |
| W6ECK-10 | 145.630 VARA (local mailbox W6ECK-1) |
| KI6DOG-10 | 144.910 packet (Oakland) |
| K2YE-10 | 144.910 packet (Oakland) |
| K6VOM-11 | 145.630 packet or VARA (San Leandro) |

Note: Please send suggestions or modifications to KJ6DZB

## DX peditions:

5R8TT 5R8XX Madagascar

5R8TT 5R8XX Team will be active from Madagascar, October - November 2025.

**Currently Active**

H44MS Solomon Islands
4S7KKG Sri Lanka
V26MN Antigua
VP2MMN Montserrat Island
JG8NQJ/JD1 Marcus Island Minami Tori Shima Islands
8J1RL Showa Research Station
6W7/ON4AVT Warang Senegal
OX3LX Greenland
FT4YM Antarctica
RI1ANE Progress Station Antarctica
7Q2T Malawi
VK9CU Cocos Keeling Islands
D68Z Comoro Islands

More DX Peditions info at https://dxnews.com/dxpeditions/

**EBARC 2025 Inventory Sale**

(Link Here)

**2025 License Exam Flyers**

(Link Here to flyers you can share)

# AMATEUR RADIO LICENSE EXAMS

ORCA ww6or.com

ARCA Amateur Radio Club of Alameda

## ADVANCE REGISTRATION REQUIRED

## UC BERKELEY EXAMS - 5:00 PM

Monday, April 28, 2025

Monday, May 26, 2025

Monday, June 23, 2025

Monday, July 28, 2025

## EL CERRITO EXAMS - 9:00 AM

Saturday, August 9, 2025

Saturday, September 6, 2025

Saturday, November 29, 2025

## TO REGISTER OR FOR MORE INFORMATION:

Albert - Email: goto@eecs.berkeley.edu

END